

 <p>Financial Assistance Award</p> <p>DENALI COMMISSION 510 L Street, Suite 410 Anchorage, Alaska 99501 (907) 271-1414 (phone) (907) 271-1415 (fax) www.denali.gov</p>		Award Number	01152-00																																																																								
		Award Title	Tazimina Hydroelectric Upgrade/Repair																																																																								
		Performance Period	July 1, 2009 through December 31, 2010																																																																								
Authority 112 Stat 1854		CFDA Number 90.100		Recipient Organization & Address Alaska Energy Authority 813 W Northern Lights Blvd Anchorage, AK 99503-2407																																																																							
Denali Commission Finance Officer Certification		Jennifer Price 08/05/2009		Phone: (907) 771-3000 Recipient DUNS # 054072608 TIN # 926001185																																																																							
Cost Share Distribution Table																																																																											
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">Accounting Code</th> <th colspan="2">New Funding</th> <th colspan="2">Prior Period Funding</th> <th rowspan="2">Total</th> </tr> <tr> <th>Denali Commission</th> <th>Other Contributors</th> <th>Denali Commission</th> <th>Other Contributors</th> </tr> </thead> <tbody> <tr> <td>95670000AL</td> <td>\$1,273,543.00</td> <td></td> <td>\$0.00</td> <td></td> <td>\$1,273,543.00</td> </tr> <tr> <td></td> <td>\$0.00</td> <td></td> <td>\$0.00</td> <td></td> <td>\$0.00</td> </tr> <tr> <td></td> <td>\$0.00</td> <td></td> <td>\$0.00</td> <td></td> <td>\$0.00</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>\$0.00</td> <td></td> <td>\$0.00</td> <td>\$0.00</td> </tr> <tr> <td></td> <td></td> <td>\$0.00</td> <td></td> <td>\$0.00</td> <td>\$0.00</td> </tr> <tr> <td></td> <td></td> <td>\$0.00</td> <td></td> <td>\$0.00</td> <td>\$0.00</td> </tr> <tr> <td></td> <td></td> <td>\$0.00</td> <td></td> <td>\$0.00</td> <td>\$0.00</td> </tr> <tr> <td></td> <td></td> <td>\$0.00</td> <td></td> <td>\$0.00</td> <td>\$0.00</td> </tr> <tr> <td>Total</td> <td>\$1,273,543.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$1,273,543.00</td> </tr> </tbody> </table>						Accounting Code	New Funding		Prior Period Funding		Total	Denali Commission	Other Contributors	Denali Commission	Other Contributors	95670000AL	\$1,273,543.00		\$0.00		\$1,273,543.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00									\$0.00		\$0.00	\$0.00			\$0.00		\$0.00	\$0.00			\$0.00		\$0.00	\$0.00			\$0.00		\$0.00	\$0.00			\$0.00		\$0.00	\$0.00	Total	\$1,273,543.00	\$0.00	\$0.00	\$0.00	\$1,273,543.00
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The repairs and upgrades include: turbine overhaul: replace bearings, inspect and clean out intake tunnel and draft tube; tailrace repair: repair erosion damage to the tailrace; intake channel upgrade: repair the existing water diversion sill, which channels water towards the hydroelectric plant intake structure, and improve the flow into the intake by blasting bedrock from the channel; repair/upgrade school electric boilers and controls: finish a partially-complete system already in place to provide electric heat to the Newhalen and Nondalton schools during periods of excess hydro capacity, which is most of the year. Install electric boilers and new controls to allow the school to utilize electric heat which will reduce fuel consumption and costs for the school district, while at the same time reducing electric rates at the utility; controls upgrade and SCADA: upgrade switchgear, controls and remote monitoring equipment to improve fuel efficiency, economic dispatch, and to take advantage of the opportunity to reduce utility costs using dispatchable and interruptible loads.																																																																											
Signature of Authorized Official - Denali Commission Electronically Signed		Typed Name and Title George Cannelos Federal Co-Chair		Date 08/05/2009																																																																							

AWARD ATTACHMENTS

Alaska Energy Authority

01152-00

1. Award Conditions

***Award Conditions to the Financial Assistance Award
Between the Denali Commission and Alaska Energy Authority
For Tazimina Hydroelectric Upgrade/Repair
Award No. 01152
August 2009***

1. Scope of Work

This award of \$1,273,543 will provide for repairs and upgrades to the existing Tazimina Hydroelectric Facility which supplies year-round power to Iliamna, Newhalen, and Nondalton, Alaska. (Alaska Energy Authority project number 407063)

The repairs and upgrades include:

- Turbine overhaul: Replace bearings, inspect and clean out intake tunnel and draft tube.
- Tailrace repair: Repair erosion damage to the tailrace.
- Intake channel upgrade: Repair the existing water diversion sill, which channels water towards the hydroelectric plant intake structure, and improve the flow into the intake by blasting bedrock from the channel.
- Repair/upgrade school electric boilers and controls: Finish a partially-complete system already in place to provide electric heat to the Newhalen and Nondalton schools during periods of excess hydro capacity, which is most of the year. Install electric boilers and new controls to allow the school to utilize electric heat which will reduce fuel consumption and costs for the school district, while at the same time reducing electric rates at the utility.
- Controls upgrade and SCADA: Upgrade switchgear, controls and remote monitoring equipment to improve fuel efficiency, economic dispatch, and to take advantage of the opportunity to reduce utility costs using dispatchable and interruptible loads.

There is no direct match for this award. The initial hydro project was completed with a combination of state and federal funding and a loan, which resulted in significant debt service for the three communities. An additional loan was also secured for a line extension, which increased the debt service.

All Commission funding is intended for use for the scope of work identified in the Award document only. Any balance of funds remaining after the full scope of work has been completed will be returned to the Denali Commission.

2. Milestones

The following milestones are identified as the major steps to be completed as part of the project. "Planned" dates for the first milestone are included here. As part of each progress report, recipients shall update the progress toward meeting these milestones (see section 7, Reporting).

Milestone	Planned		Actual		Units	Total Cost At Completion
	Start Date	End Date	Start Date	End Date		
Construction	07/01/2009	09/30/2010			0	\$0.00
Project Close-out	10/01/2010	12/31/2010			0	\$0.00

3. Award Performance Period

The Award performance period is July 1, 2009 through December 31, 2010. This is the period during which Award recipients can incur obligations or costs against this Award.

4. Direct and Indirect Costs

The cost principles of OMB A-87 are applicable to this Award. No indirect costs are allowable under this award. Please refer to the cost principles regulations for specific details on other allowable charges under this Award.

5. Budget and Program Revisions

The Administrative Circular, OMB A-102, applies to this Award. Please refer to the Administrative Circular for specific details on revisions to this Award. The Administrative Circular requires that Alaska Energy Authority (AEA) will inform the Commission in writing (e-mail, letter, or report) at the earliest possible date of any unanticipated project cost overrun, project schedule delays, or changes in the project scope or changed site conditions.

6. Payments

Payments under this Award will be made by electronic transfer in response to a "Request for Advance or Reimbursement", Standard Form 270 (SF-270) submitted by the AEA. Requests for reimbursements may be made as needed. The SF-270 must be submitted to the Denali Commission via fax, e-mail (finance@denali.gov) or mail in order for payment to be processed. The form is available on the OMB website: http://www.whitehouse.gov/OMB/grants/grants_forms.html. Payments shall be made in accordance with OMB Circular A-102. Please contact the Denali Commission's Finance Specialist at (907) 271-1414 for further information about submitting this form. **No interest will be accrued on these funds.**

7. Reporting

Two forms of project reporting are required under this Award, listed below. AEA shall submit reports using the Denali Commission's on-line Project Database System, available at www.denali.gov. If there are technical limitations which may prevent the recipient from meeting this requirement, please contact the Program Manager listed in this agreement.

- a. **Progress Reports** shall be submitted on a quarterly basis. The first reporting period is July 1, 2009 to September 30, 2009 and quarterly thereafter. Reports are due within 30 days of the end of the reporting period. Progress reports shall include the following:
- i. Total project funding, including both Denali Commission funding and other project funding sources.
 - ii. The total project expenditures for the project as of the end of the reporting period, including both Denali Commission and Other funding sources.
 - iii. Updated schedule and milestone information as identified in the Scope of Work
 - iv. Narrative summary of the project status and accomplishments to date, and address the following questions: is the project on schedule, is the project on budget, and what actions are planned to address any project problems.
 - v. Photographic documentation of project progress shall be provided with the progress reports for active construction projects. The photo documentation shall include a minimum of three, dated photos per reporting period such that a complete record of the construction is maintained over time, from “before,” showing the situation before the start of construction, to “during” showing work proceeding on the project, and “after” to show the finished project. Photos shall be provided in a digital format as part of the on-line report. A short description of the activity and names of those in the photos shall also be provided.
- b. **Federal Single Audits** shall be submitted annually, when required. In accordance with OMB Circular A-133, which requires [subpart 200] “Non-Federal entities that expend \$500,000 or more in a year in Federal awards shall have a single or program-specific audit conducted for that year in accordance with the provisions of this part [subpart 205]. The determination of when an award is expended should be based on when the activity related to the award occurs.”

Recipients shall also submit single audits to the Federal Clearinghouse as designated by OMB. Information can be found on the following web-site:

<http://harvester.census.gov/sac/>

8. *Project/Award Close-Out*

The project close-out report shall be completed within 90 days of the end of the Award performance period or within 90 days of the completion of the project, whichever is earlier. Recipients must also draw down any remaining funds for expenditures incurred under this award during this 90-day period.

The project close-out report shall be submitted on-line through the Denali Commission's on-line Project Database System, available at www.denali.gov. The project close out will require the recipient to submit the following information:

- a. Final data for each item listed in paragraph 7(a) "Progress Reports"
- b. Final project expenditures itemized by the following categories: planning & design; materials & equipment; freight; labor; project administration/overhead and other expenses.
- c. Acknowledgement of support: For all construction projects, the Award recipient shall display a sign that acknowledges the Government's support for the project(s) developed under this Award. The Commission will provide an appropriate sign. The Award recipient must request an indoor and/or an outdoor sign from the Commission office. Pickup or delivery of the sign can be arranged at that time.

9. Public Policy Laws and Assurances

Award Recipients are required to comply with the public policy laws and assurances on SF 424d. Some of the laws are highlighted below for your reference.

To the maximum extent practicable, considering applicable laws, Funding Recipients shall accomplish the project contemplated by the Award using local Alaska firms and labor.

No portion of this award may be used for lobbying or propaganda purposes as prohibited by 18 U.S.C. Section 1913 or Section 607(a) of Public Law 96-74.

Project level environmental reviews in accordance with the National Environmental Policy Act (NEPA) and the National Historic Preservation Act (NHPA) are required for each project undertaken with Denali Commission funds.

10. Non-Compliance with Award Conditions

Recipients not in compliance with the terms and conditions of this Financial Assistance Award will be notified by the Denali Commission. The Denali Commission will work with the recipient to identify the steps necessary to bring them back into compliance, and will establish an appropriate time frame for the corrections to be made. If the corrections have not been made by the deadline, the Denali Commission reserves the right to either suspend or unilaterally terminate the Financial Assistance Award for non-performance.

11. Program Manager, Financial Manager & Other Contact Information

Denali Commission	Alaska Energy Authority
Denali Daniels Program Manager 510 L Street, Suite 410	Chris Mello Program Manager 813 W. Northern Lights Blvd.

Anchorage, AK 99501 Phone: (907) 271-1189 Fax: (907) 271-1415 E-mail: ddaniels@denali.gov	Anchorage, AK 99503 Phone: (907) 771-3072 Fax: (907) 771-3044 E-mail: cmello@aidea.org
Mariah McNair Grants Administrator 510 L Street, Suite 410 Anchorage, AK 99501 Phone: (907) 271-2367 Fax: (907) 271-1415 E-mail: mmcnair@denali.gov	Amy McCollum Financial Contact 813 W. Northern Lights Blvd. Anchorage, AK 99503 Phone: (907) 771-3013 Fax: (907) 771-3044 E-mail: amccollum@aidea.org

12. Other project specific paragraphs may be added here

The 2008-2009 Denali Commission-AEA Memorandum of Agreement requires that AEA participate in Commission committees and workgroups as available, as well as to participate in biannual meetings to share lessons learned and best practices. Another biannual meeting focus is reporting on the measureable improvements brought about as a result of the Commission's Energy Program and development of program evaluation metrics.